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McCORMICK PAULDING & HUBER
ATTORNEYS AT LAW

THEODORE P. PAULDING
DONALD K. HUBER
JOHN C. HILTON
FREDERICK J. HAESCH
JOHN C. LINDERMAN
J. KEVIN GROGAN
JOSEPH S. KENTOFFIO
MARK D. GIARRATANA
F. TYLER MORRISON III
ROBERT D. CRAWFORD
DEAN P. ALDERUCCI
•RESIDENT MASSACHUSETTS OFFICE

CITYPLACE II
185 ASYLUM STREET
HARTFORD, CONNECTICUT 06103-4102
TEL. (860) 549-5290
FAX (860) 527-0464
TELEX 96-6460
CABLE ADDRESS: "HARTPAT"
Email: MPH@IP-Lawyers.com
WWW: http://www.connix.com/~patents

OF COUNSEL
JOHN J. DEMPSEY

PATENT AGENTS
DANIEL G. MACKAS
RICHARD R. MICHAUD

MASSACHUSETTS OFFICE
SIS CENTER
1441 MAIN STREET
SPRINGFIELD, MA 01103
TEL. (413) 736-5401
FAX (413) 733-4543

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ROSEMARY J. GARNETT
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ATTACHMENT TO A PATENT APPLICATION

Docket No.: 2821-162

ENTITLED: METHOD AND APPARATUS FOR COATING CONTAINER
BODIES INTERNALLY

INVENTOR: (S) Hans-Jorg NUSSBAUMER Guido HUBER
Curmbergstrasse 106 Pfäffikonstrasse 29
CH-8646 Wagen CH-8834 Schindellegi
SWITZERLAND SWITZERLAND

Felix WALSER
Neubühlstrasse 23
CH-8349 Hinwil
SWITZERLAND

INCLUDING: Specification, Claims, Abstract; Declaration & POA,
Preliminary Amendment, Assignment and PTO Form
1595, Swiss Priority Document No. 01 379/95-0 dated
May 12, 1995; (1) sheet of formal drawings and
Check \$790.00.

File No. 2821-162; Appl. No. 08/629,974;
METHOD FOR COATING CONTAINER BODIES INTERNALLY

1. Method for coating container bodies internally with a powder material as they emerge in succession from a welding machine, comprising the steps of:

feeding the powder material from a welding machine end of a spray apparatus;

spraying the powder material inside each container body more or less uniformly onto its internal wall over its entire circumference;

extracting excess sprayed power material from inside each of the container bodies;

returning the excess sprayed powder backthrough the welding machine; and

reducing the gap between successive container bodies in the region of the spray apparatus.

2. Method of claim 1, wherein the step of spraying further comprising spraying the powder material inside the container body more or less uniformly using a rotating spray element.

3. Method according to claim 1, wherein the step of spraying further comprises spraying the powder material inside each container body from downstream of the extraction zone in the container body conveying direction.

4. Method according to claim 1, wherein the step of spraying further comprises spraying the powder material inside each container body from upstream of the extraction zone in the container body conveying direction.